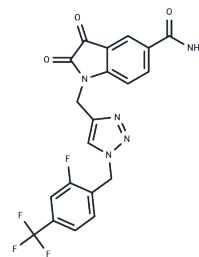


D1N52

## Chemical Properties

CAS No. : 2894770-48-8  
 Formula: C<sub>20</sub>H<sub>13</sub>F<sub>4</sub>N<sub>5</sub>O<sub>3</sub>  
 Molecular Weight: 447.34  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	D1N52 is a potent inhibitor of the SARS-CoV-2 3CL protease, demonstrating an inhibitory concentration half-maximal (IC <sub>50</sub> ) value of 0.53 μM [1].
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2354 mL	11.1772 mL	22.3544 mL
5 mM	0.4471 mL	2.2354 mL	4.4709 mL
10 mM	0.2235 mL	1.1177 mL	2.2354 mL
50 mM	0.0447 mL	0.2235 mL	0.4471 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481